

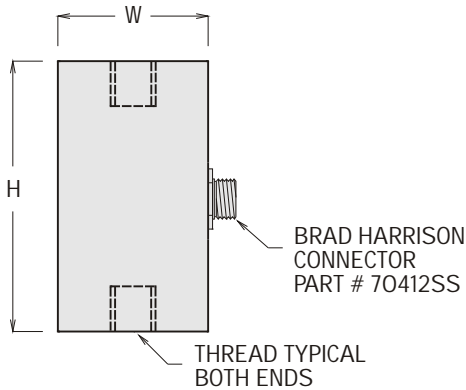
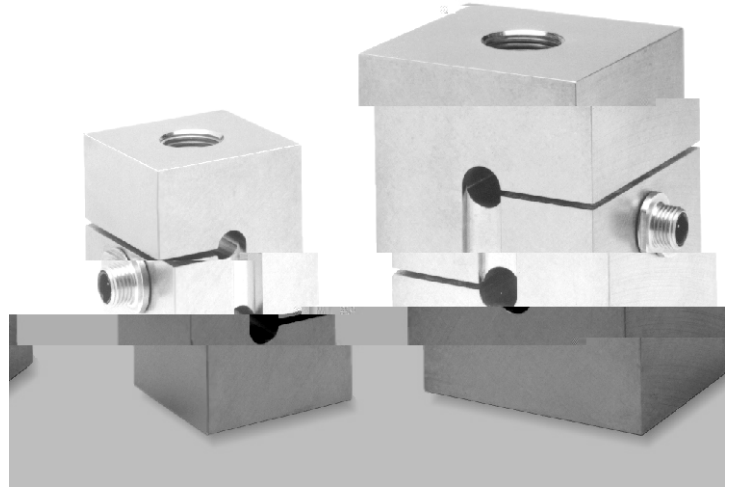
HERMETICALLY SEALED LOAD CELL UNIVERSAL\TENSION OR COMPRESSION

HSW SERIES

CAPACITY RANGES:

1,000, 2,000, 3,000, 5,000,
10,000, 20,000, 30,000, 50,000 LBS.

The HSW Series is hermetically sealed for use in harsh industrial environments. All ranges are made from 17-4ph heat treated stainless steel and incorporate a stainless steel molded connector system designed to resist wash down and most chemicals. The mating connector, sold separately, is available in three different cable lengths. As with our SW0 Series, the HSW Series offers high accuracy, low deflection, fast frequency response, and a good output (millivolt) compliance between tension and compression.



SPECIFICATIONS

Rated Output (R.O.):	2 mV/V nominal
Nonlinearity:	0.1% of R.O.
Hysteresis:	0.1% of R.O.
Nonrepeatability:	0.05% of R.O.
Zero Balance:	1.0% of R.O.
Compensated Temp. Range:	60° to 160°F
Safe Temp. Range:	-65° to 200°F
Temp. Effect on Output:	0.005% of Load/°F
Temp. Effect on Zero:	0.005% of R.O./°F
Terminal Resistance:	350 ohms nominal
Excitation Voltage:	10 VDC
Safe Overload:	150% of R.O.

MODEL	CAPACITY LBS.	DIMENSIONS (INCHES)				NATURAL RINGING FREQUENCY HZ	DEFLECTION	WT. LBS.
		H	W SQ.	THREAD	THREAD DEPTH			
HSW-1K	1,000	2.500	1.425	3/8-24 UNF	.400	3,500	.003	1.9
HSW-2K	2,000	2.500	1.425	3/8-24 UNF	.400	5,000	.003	1.9
HSW-3K	3,000	2.500	1.425	1/2-20 UNF	.500	5,000	.003	1.9
HSW-5K	5,000	3.000	1.925	3/4-16 UNF	.750	5,000	.003	2.2
HSW-10K	10,000	3.000	1.925	3/4-16 UNF	.750	6,500	.003	2.2
HSW-20K	20,000	4.000	2.900	1-14 UNS	1.000	6,500	.006	8
HSW-30K	30,000	5.250	2.900	1 1/4-12 UNF	1.250	8,000	.006	10
HSW-50K	50,000	6.250	2.900	1 1/2-12 UNF	1.500	9,500	.006	12